



ATTATCH TO

Sheet 1 of

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.: 109.034US1 Serial No. 09/096,749

Applicant: Shohei Koide

Filing Date: June 12, 1998 Group: 1612

U.S. PATENT DOCUMENTS

**Examinar						Filing Date
Initial	Document Numbar	Data	Name	Class	Subclass	If Appropriata
						•

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country Country		Class	Subclass	Translation Yes No
**Exsminer Initisi			OTHER DOCU				
M	Barbas, C.D., et al., "Semisynthetic combinatorial antibody libraries: A chemical solution to the diversity problem", Proc. Natl. Acad. Sci. USA, Vol. 89, pp. 4457-4461, (May 1992)						
ПM	Barbas, C.F., et al., "Assembly of combinatorial antibody libraries on phage surfaces: The gene III site", Proc. Natl. Acad. Sci. USA, Vol. 88, pp. 7978-7982, (September 1991)						
TW	Bianchi, E., et al., "High Level Expression and Rational Mutagenesis of a Designed Protein, the Minibody", <u>J. Mol. Bio.</u> , pp. 649-659, (1994)						
M	Bork, P., et al., "Proposed acquisition of an animal protein domain by bacteria", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 89, pp. 8990-8994, (October 1992)						
M	Clarkson, T., et al., "In vitro selection from protein and peptide libraries", <u>Trends Biotechnology</u> , Vol. 12, pp. 173-184, (May 1994)						
M	Clore, G.M., et al., "Structures of Larger Proteins in Solution: Three-and Four-Dimensional Heteronuclear NMR Spectroscopy", SCIENCE, Vol. 252, pp. 1390-1399, (June 7, 1991)						
oras	Davies, J., et al., "Antibody VH Domains as Small Recognition Units", Bio/Technol., Vol. 13, pp. 475-479, (1995)						
SPN	Dougall, W.C., et al., "Antibody-structure-based design of pharmacological agents", <u>Trends Biotechnol.</u> , Vol. 12, pp. 372-379, (1994)						
MOd	Ely, K.R., et al., "Common molecular scaffold for two unrelated RGD molecules", <u>Protein Engineering</u> , Vol. 8, No. 8, pp. 823-827, (1995)						
Tad	Holliger, P., et al., ""Diabodies": Small bivalent and bispecific antibody fragments", Proc. Natl. Acad. Sci. USA, Vol. 90, pp. 6444-6448, (July 1993)						
FOR	Hu, S., et al., "Minibody: A Novel Engineered Anti- Carcinoembryonic Antigen Antibody Fragment (Single-Chain Fv-C _H ³) Which Exhibits Rapid, High-Level Targeting Xenografts", <u>CANCER RESEARCH</u> , Vol. 56, pp. 3055-3061, (July 1, 1996)						
LIRO	Janda, K.D., et al., "Chemical Selection for Catalysis in Combinatorial Antibody Libraries", <u>SCIENCE</u> , Vol. 275, pp. 945-948, (February 14, 1997)						
		2/	1/10				/
Examiner	-An	The Plan		Date Co	nside	red_7/25	100
	isclosure Statement F	?orm (PTO-1449)			IISTUE	1/25	700

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.





Sheet 2 of

Atty. Docket No.: 109.034US1

Serial No. 09/096,749

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)

Applicant: Shohei Koide

Filing Date: June 12, 1998

Group: 1612

OTHER DOCUMENTS

**Examiner Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

The	Koide, S., et al., "Directed Evolution of fibroneethr type-III domain to novel ligand binding proteins", Dept. of Biochemistry and Biophysics, University of Rochester Medical Center, Rochester, NY 14642,
MA	Lerner, R.A., et al., "Using the Process of Reactive Immunization to Induce catalytic Antibodies with Complex Mechanisms: Aldolases", Acta Chemica Scandinavica, Vol. 50, pp. 672-677, (1996)
UND	Li, B., et al., "Minimization of Polypeptide Hormone", Science, Vol. 270, pp. 1657-1660, (December 8, 1995)
The	Main, A.L., et al., "The Three-dimensional structure of the tenth type III module of fibronectin: an insight into RGD-mediated interactions", Cell, Vol. 71, pp. 671-678, (November 13, 1992)
WAS	Martin, F., et al., "The affinity-selection of minibody polypeptide inhibitor of human interleukin-6", EMBO L, Vol. 13, pp. 5303-5309, (1994)
Lived	Martin, M.T., "Commercially valuable catalytic antibodies: the life to come", <u>Drug Discovery Today</u> , Vol. 1, No. 6, pp. 239-247, (June 1996)
INA	Masat, L., et al., "A simpler sort of antibody", Proc. Natl. Acad. Sci. USA, Vol. 91, pp. 893-896, (February 1994)
FW	McConnell, S.J., et al., "Tendamistat as a Scaffold for Conformationally Constrained Phage Peptide Libraries", Journal of Mol. Biol., pp. 460-470, (1995)
The	Pessi, A., et al., "A designed metal-binding protein with a novel fold", NATURE, Vol. 362, pp.367-369, (March 25, 1993)
LSM	Rosenblum, J.S., et al., "Synthetic Antibodies", Antibody Engineering, Oxford University Press, Oxford, pp. 89-116, (1995)
M	Suzuki, H., "Recent Advances in Abzyme Studies", <u>J. Biochem.</u> , Vol. 115, pp. 623-628, (1994)
MAD	Thomas, N.R., "Hapten Design for the Generation of Catalytic Antibodies", Applied Biochemistry and Biotechnology, Vol. 47, pp. 345-372, (1994)

Examiner	MM Phil	Date Considered. 7/25/00
	Chatter the Day (DMC 1440)	, , , , , , , , , , , , , , , , , , , ,

^{**}EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.





ATTATCH TO

Sheet 1 of 1

Form 1449*

**Examiner Initial Atty. Docket No.: 109.034US1

Serial No. 09/096,749

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)

Applicant: Shohei Koide

Filing Date: June 12, 1998

Group: 1612

U.S. PATENT DOCUMENTS

**Examiner
Initial Document Number Date Name Class Subclaaa If Appropriate

FOREIGN PATENT DOCUMENTS

**Examiner
Initial Document Number Date Country Class Subclass Yes | No

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Lee, G., et al., "Strong Inhibition of Fibrinogen Binding to Platelet Receptor $\alpha_{\text{IIb}}\beta_3$ by RGD Sequences Installed Into a Presentation Scaffold", Protein Engineering, 6, 745-754 (1993).

Examiner

|Date Considered

7/25/00

*Substitute Disclosure Comment Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.